ELSEVIER

Biomembranes

Vol. 1374, Nos. 1–2; 23 September 1998

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Contents

BBA is cited in: Current Contents/Life Sciences - Biological Abstracts - Chemical Abstracts - Index Chemicus - Index Medicus/MEDLINE - Cambridge Scientific Abstracts (CSA) - EMBASE/Excerpta Medica - Reference Update - Elsevier BIOBASE/Current Awareness in Biological Sciences

Information for Contributors vii

Regular papers

Barotropic phase transitions of dioleoylphosphatidylcholine and stearoyl-oleoylphosphatidylcholine bilayer membranes
S. Kaneshina, H. Ichimori, T. Hata and H. Matsuki (Japan) 1

Anomalous solubility behavior of the antibiotic ciprofloxacin encapsulated in liposomes: a ^{1}H-NMR study
N. Maurer, K.F. Wong, M.J. Hope and P.R. Cullis (Canada) 9

Cationic amphiphile interactions with polyadenylic acid as probed via ^{2}H-NMR
P. Mitrakos and P.M. Macdonald (Canada) 21

Sensitivity of the synaptic membrane Na^{+}/Ca^{2+} exchanger and the expressed NCX1 isoform to reactive oxygen species
J. Huschenbett, A. Zaidi and M.L. Michaelis (USA) 34

Characterization of membrane-bound serine protease related to degradation of oxidatively damaged erythrocyte membrane proteins
T. Fujino, T. Ishikawa, M. Inoue, M. Beppu and K. Kikugawa (Japan) 47

NHE-1 is the sodium–hydrogen exchanger isoform present in erythroid cells
R. Sarangarajan, N. Dhabia, M. Soliemani, N. Baird and C. Joiner (USA) 56

The location of fluorescence probes with charged groups in model membranes
K. Kachel, E. Asuncion-Punzalan and E. London (USA) 63

Evidence for a close association between helix IV and helix XI in the melibiose carrier of *Escherichia coli*
T. Hastings Wilson and D.M. Wilson (USA) 77

Agonist binding and affinity state transitions in reconstituted nicotinic acetylcholine receptors revealed by single and sequential mixing stopped-flow fluorescence spectroscopies
D.E. Raines and N.S. Krishnan (USA) 83

P2 receptor-mediated signal transduction in Ehrlich ascites tumor cells
S.F. Pedersen, S. Pedersen, I.H. Lambert and E.K. Hoffmann (Denmark) 94

Author Index 107